

Applicants: Eric Rose, et al.
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Amendments to the Specification

Please replace the paragraph that appears on page 13, lines 16-35 and page 14, lines 1-4 with the following amended paragraph:

1) Oligonucleotides for producing Factor IXmi(Ser365->Xxx) 3'-W ACA
GTT CCT CTA XXX CCT GGG GTA V-5' ~~(SEQ. ID NO:1)~~

where

~~W is T, 3' GT or 3' AGT~~

~~V is C, 3' CA or 3' CAA~~

W is T and V is C (SEQ. ID. NO:1), W is T and V is 3'-CA (SEQ. ID. NO:2), W is T and V is 3'-CAA (SEQ. ID. NO:3), W is 3'-GT and V is C (SEQ. ID. NO:4), W is 3'-GT and V is 3'-CA (SEQ. ID. NO:5), W is 3'-GT and V is 3'-CAA (SEQ. ID. NO:6), W is 3'-AGT and V is C (SEQ. ID. NO:7), W is 3'-AGT and V is 3'-CA (SEQ. ID. NO:8) or W is 3'AGT and V is 3'-CAA (SEQ. ID. NO:9)

XXX is a complement to a DNA codon for any one of the standard amino acids other than serine.

2) Oligonucleotides for prodcing Factor IXmi (Asp269->Yyy) 3'-W TTC
ATG TTA GTA YYY TAA CGC GAA GAC V-5' ~~(SEQ. ID. NO:2)~~

where

~~W is A, 3' TA, or 3' TTA~~

~~V is C, 3' CT, or 3' CTT~~

W is A and V is C (SEQ. ID. NO:10), W is A and V is 3'-CT (SEQ. ID. NO:11), W is A and V is 3'-CTT (SEQ. ID. NO:12), W is 3'-TA and V is C (SEQ. ID. NO:13), W is 3'-TA and V is 3'-CT (SEQ. ID. NO:14), W is 3'-TA and V is 3'-CTT (SEQ. ID. NO:15), W is 3'-TTA and V is C (SEQ. ID. NO:16), W is 3'TTA and V is 3'-CT (SEQ. ID. NO:17) or W is 3'-TTA and V is 3'-CTT (SEQ. ID. NO:18)

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YYY is the complement to a DNA codon for any one of the standard amino acids other than aspartic acid and cysteine.

3) Oligonucleotide for producing Factor IXmi (His221-Zzz) 3'-W TTA CAT TGA CGA CGG ZZZ ACA CAA CTT TGA CCA V-5' ~~(SEQ. ID. NO.3)~~

where

~~W is A, 3' Aa, or 3' TAA~~

~~V is C, 3' CC, or 3' CCA~~

W is A and V is C (SEQ. ID. NO:19), W is A and V is 3'-CC (SEQ. ID. NO:20), W is A and V is 3'-CCA (SEQ. ID. NO:21), W is 3'-AA and V is C (SEQ. ID. NO:22), W is 3'-AA and V is 3'-CC (SEQ. ID. NO:23), W is 3'-AA and V is 3'-CCA (SEQ. ID. NO:24), W is 3'-TAA and V is C (SEQ. ID. NO:25), W is 3'-AA and V is 3'-CC (SEQ. ID. NO:26), W is 3'-TAA and V is 3'-CCA (SEQ. ID. NO:27).

ZZZ is the complement to a DNA codon for any one of the standard amino acids other than histidine and cysteine.

After the drawings, please replace the Sequence Listing submitted with the April 21, 2005 Amendment with the amended Sequence Listing, attached hereto as **Exhibit A.**